Audacious - Bug #527
Enabling the Dynamic Range Compresor plugin causes a segfault
March 27, 2015 15:50 - daniel g

<table>
<thead>
<tr>
<th>Status: Closed</th>
<th>Start date: March 27, 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority: Minor</td>
<td>Due date:</td>
</tr>
<tr>
<td>Assignee:</td>
<td>% Done: 100%</td>
</tr>
<tr>
<td>Category: plugins/compressor</td>
<td>Estimated time: 0.00 hour</td>
</tr>
</tbody>
</table>

Target version: 3.6.2
Affects version: 3.6.1

Description
sistem asus k50in
os ubuntu 14.10
kernel 3.16.0-33
pulseaudio 1.4.0

audacious crash when i activate plugin Dynamic Range Compresor

Mar 27 01:56:13 darkzone kernel: [83268.126995] audacious: segfault at 7fa7b1707000 ip 00007fa7b1706614 sp 00007fa7c4f42b30 error 4 in compressor.so[7fa7b1705000+2000]

History

#1 - March 27, 2015 15:53 - daniel g
whit audacious 3.5.2 I do not have this problem

#2 - March 29, 2015 11:34 - Chaden Cross
make sure you have installed the latest version and if this does not help de-install the whole software and install it new...

#3 - March 29, 2015 18:51 - John Lindgren
Please provide a backtrace.

#4 - March 30, 2015 20:53 - Thomas Lange
- Subject changed from crash audacious to Enabling the Dynamic Range Compresor plugin causes a segfault
- Assignee deleted (daniel g)
- Target version deleted (3.6.1)
- Affects version 3.6 added
- Affects version deleted (3.6.1)

I could not reproduce the crash with Ubuntu 14.10 and Audacious 3.6 from the WebUpd8 PPA. How did you install Audacious?

#5 - March 31, 2015 12:48 - daniel g
Audacious is installed form ppa WebUpd8.
@John Lindgren could you help whit backtrace

output by verbose
INFO vfs.cc:93 [VFSFile]: <0x7f99180056d0> open (mode r) http://asculta-server19.radiolive247.ro:9000/
INFO effect.cc:63 [effect_start]: Starting Bauer Stereophonic-to-Binaural (BS2B) at 2 channels, 44100 Hz.
INFO effect.cc:63 [effect_start]: Starting Crystalizer at 2 channels, 44100 Hz.
INFO effect.cc:63 [effect_start]: Starting Dynamic Range Compressor at 2 channels, 44100 Hz.
INFO effect.cc:63 [effect_start]: Starting Extra Stereo at 2 channels, 44100 Hz.
INFO effect.cc:63 [effect_start]: Starting Channel Mixer at 2 channels, 44100 Hz.
INFO effect.cc:63 [effect_start]: Starting SoX Resampler at 2 channels, 44100 Hz.
INFO output.cc:133 [setup_output]: Reusing output stream, format 11, 2 channels, 192000 Hz.
INFO output.cc:342 [output_set_replay_gain]: Replay Gain info:
INFO output.cc:343 [output_set_replay_gain]: album gain: 0,000000 dB
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INFO output.cc:344 [output_set_replay_gain]: album peak: 0.000000
INFO output.cc:345 [output_set_replay_gain]: track gain: 0.000000 dB
INFO output.cc:346 [output_set_replay_gain]: track peak: 0.000000
Segmentation fault (core dumped)
dany@darkzone:~$

#6 - March 31, 2015 12:55 - daniel g
   - File Fișier text added

#7 - April 01, 2015 02:36 - John Lindgren
   Google "gdb tutorial".

#8 - April 02, 2015 16:24 - daniel g
   (gdb) run
   Starting program: /usr/bin/audacious
   [Thread debugging using libthread_db enabled]
   Using host libthread_db library "/lib/x86_64-linux-gnu/libthread_db.so.1".
   [New Thread 0x7fffa243a700 (LWP 31632)]
   [New Thread 0x7ffff1c39700 (LWP 31633)]
   [New Thread 0x7ffff1cd5700 (LWP 31634)]
   [New Thread 0x7ffffea60d700 (LWP 31635)]
   [Thread 0x7fffe460d700 (LWP 31635) exited]
   [New Thread 0x7fffe460d700 (LWP 31636)]
   [New Thread 0x7fffe460d700 (LWP 31637)]
   [New Thread 0x7fffe460d700 (LWP 31638)]
   [Thread 0x7fffe460d700 (LWP 31638) exited]
   [New Thread 0x7fffe460d700 (LWP 31639)]
   [New Thread 0x7fffe460d700 (LWP 31640)]
   [Thread 0x7fffe460d700 (LWP 31640) exited]
   [New Thread 0x7fffe460d700 (LWP 31641)]
   [Thread 0x7fffe460d700 (LWP 31641) exited]
   [New Thread 0x7fffe460d700 (LWP 31642)]
   [Thread 0x7fffe460d700 (LWP 31642) exited]
   [Thread 0x7fffe460d700 (LWP 31643) exited]
   [New Thread 0x7fffe460d700 (LWP 31644)]
   [Thread 0x7fffe460d700 (LWP 31644) exited]
   [New Thread 0x7fffe460d700 (LWP 31645)]
   [Thread 0x7fffe460d700 (LWP 31645) exited]
   [Thread 0x7fffe460d700 (LWP 31646) exited]
   [Thread 0x7fffe460d700 (LWP 31646) exited]
   [Thread 0x7fffe460d700 (LWP 31647) exited]
   [New Thread 0x7fffe460d700 (LWP 31647) exited]
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   [New Thread 0x7fffe460d700 (LWP 31659)]
   [Thread 0x7fffe460d700 (LWP 31659) exited]
   [Thread 0x7fffe460d700 (LWP 31660)]
   [Thread 0x7fffe460d700 (LWP 31660) exited]
   [New Thread 0x7fffe460d700 (LWP 31661)]

Program received signal SIGSEGV, Segmentation fault.
[Switching to Thread 0x7fffe460d700 (LWP 31636)]
0x00007ff83e17e164 in ?? () from /usr/lib/x86_64-linux-gnu/audacious/Effect/compressor.so
(gdb)
There's a lot of noise there but no backtrace. In case you couldn't find it in the tutorial, the gdb command to get a backtrace is "backtrace".

Are you still interested in having us look into this problem? If so, we need a backtrace.

Program received signal SIGSEGV, Segmentation fault.
[Switching to Thread 0x7fffea60d700 (LWP 15495)]
0x00007fffbe049614 in ?? () from /usr/lib/x86_64-linux-gnu/audacious/Effect/compressor.so
(gdb) bt
#0  0x00007fffbe049614 in ?? () from /usr/lib/x86_64-linux-gnu/audacious/Effect/compressor.so
#1  0x00007ffff7bab370 in ?? () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3
#2  0x00007ffff7bb07af in ?? () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3
#3  0x00007ffff7bb22b1 in InputPlugin::write_audio(void const*, int) () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3
#4  0x00007fffcc299f875 in ?? () from /usr/lib/x86_64-linux-gnu/audacious/Input/madplug.so
#5  0x00007ffff7bb1b7b in ?? () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3
#6  0x00007ffff79810a5 in start_thread (arg=0x7fffea60d700) at pthread_create.c:309
#7  0x00007ffff68ae8e7d in clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:111
(gdb)

(gdb) bt full
#0  0x00007fffce355614 in ?? () from /usr/lib/x86_64-linux-gnu/audacious/Effect/compressor.so
No symbol table info available.
#1  0x00007ffff7bab370 in ?? () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3
No symbol table info available.
#2  0x00007ffff7bb07af in ?? () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3
No symbol table info available.
#3  0x00007ffff7bb22b1 in InputPlugin::write_audio(void const*, int) () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3
No symbol table info available.
#4  0x00007fffcc304875 in ?? () from /usr/lib/x86_64-linux-gnu/audacious/Input/madplug.so
No symbol table info available.
#5  0x00007ffff7bb1b7b in ?? () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3
No symbol table info available.
#6  0x00007ffff79810a5 in start_thread (arg=0x7fffea60d700) at pthread_create.c:309
res = <optimized out>
pd = 0x7fffea60d700
now = <optimized out>
unwind_buf = {cancel_jmp_buf = {{jmp_buf = {140737125603072, 4494409539773852400, 1, 6736512, 140737125603776, 140737125603072, -4494391656153158928), mask_was_saved = 0}}, priv = {pad = {0x0, 0x0, 0x0, 0x0}, data = [prev = 0x0, cleanup = 0x0, canceltype = 0]}}
not_first_call = <optimized out>
pagesize_m1 = <optimized out>
sp = <optimized out>
 freesize = <optimized out>
__PRETTY_FUNCTION = "start_thread"
#7  0x00007fffffff8ae8e7d in clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:111
No locals.
(gdb)
Okay, this is progress, but you apparently have a version of Audacious with no debug symbols. See if there is an audacious-dbg package you can install.

i installed audacious-dbg and audacious-plugins-dbg (now version is audacious 3.6.1)

gdb) bt full
#0 0x00007fff5350614 in calc_peak (length=17640, data=0x7fffd847c004) at compressor.cc:107
    sum = 1633,58899
    end = 0x7fffd8485100
#1 Compressor::process (this=<optimized out>, data=...) at compressor.cc:172
    new_peak = <optimized out>
    offset = 3048
    remain = 1048
#2 0x00007fff7bab370 in effect_process (data=...) at effect.cc:111
    cur = 0x7fffd847d8d30 <buffer1>
    e = <optimized out>
#3 0x00007fff7bb07af in write_output (stop_time=<optimized out>, size=1, data=0x7fffd80b28c0) at output.cc:2
76
    samples = 4096
    stopped = <optimized out>
#4 output_write_audio (data=data@entry=0x7fffd80b28c0, size=size@entry=16384, stop_time=<optimized out>) at output.cc:369
    good = false
#5 0x00007fff7bb22b1 in InputPlugin::write_audio (data=0x7fffd80b28c0, length=16384) at playback.cc:561
    a = -1
    b = -1
    stop_time = <optimized out>
#6 0x00007fff6d97784 in AACDecoder::play (this=<optimized out>, filename=<optimized out>, file=...) at aac.c:468
    seek_value = <optimized out>
    info = {bytesconsumed = 187, samples = 4096, channels = 2 ',002', error = 0 ',000', samprate = 44100,
        sbr = 1 ',001', object_type = 5 ',005', header_type = 2 ',002', num_front_channels = 2 ',002',
        num_side_channels = 0 ',000', num_back_channels = 0 ',000', num_lfe_channels = 0 ',000',
        channel_position = "',002,003", ',000' <repeats 61 times>, ps = 0 ',000'}
    audio = 0x7fffd80b28c0
    decoder = 0x7fffd8169e60
    buf = '...
#15 - April 22, 2015 04:55 - John Lindgren
- Status changed from New to Closed
- Target version set to 3.6.2
- % Done changed from 0 to 100
- Affects version 3.6.1 added
- Affects version deleted (3.6)

Fixed.

### Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
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</thead>
<tbody>
<tr>
<td>Fișier text</td>
<td>19.7 KB</td>
<td>March 31, 2015</td>
<td>daniel g</td>
</tr>
</tbody>
</table>